Mountain Weather Forecast

South Grampian and Southeast Highlands

Including South and East Cairngorms National Park, Aberdeenshire and Angus Hills, Ben Vrackie, Ben Lawers, Loch Tay and Ochils
Forecast valid from 00:00 on Tuesday 03 Jan 2023 until 23:59 on Wednesday 04 Jan 2023

Forecast Issued on Monday 02 Jan 2023 at 16:10 by Met Office Aberdeen

Confidence: High for unsettled conditions on Tuesday with freezing levels rising above the tops later then for windy and showery conditions on Wednesday. Very low confidence for Thursday and Friday for the track of weather fronts moving east over the UK.

Headline for Tuesday 03 Jan 2023: Spells of sleet or snow, turning to rain later. Windy, gales at first.

Mountain weather hazards on Tuesday 03 Jan 2023

Blizzards Medium Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** Low Likelihood
Gales Medium Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Light snow	Heavy snow	Fog	Light snow	Heavy Rain	Heavy Rain
Precipitation probability							
<05%	20%	90%	70%	30%	50%	90%	90%

Forecast for Tuesday 03 Jan 2023

Weather: Outbreaks of snow will spread northeast late in the night, becoming heavy for a time before turning to rain below 600m and easing during the morning. Drier for a couple of hours during the middle of the day before outbreaks of rain arrive from the southwest during the afternoon, preceded by snow above 900m. Rain becoming heavy and persistent with a thaw setting in as conditions turn milder.

Chance of cloud-free hill tops above 800m: 10%, becoming 40% for a few hours.

Low Cloud and visibility: Extensive cloud and fog above 600m, although bases lifting a little in the middle of the day. Whiteout conditions on the tops with blizzards in the morning and blowing snow. Below the cloud, mainly poor visibility in the rain or snow but good for a time during the drier spell.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Tuesday 03 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	33/41 S	42/51 S	46/54 S	42/50 S	33/39 SW	32/38 S	34/39 S	32/38 S	47/56 SW
900	23/31 S	29/38 S	30/39 S	30/38 S	22/28 SW	21/27 S	22/28 S	24/30 S	29/38 SW
600	16/30 SW	17/32 S	21/37 S	23/36 S	9/20 SW	10/21 S	14/24 S	14/25 S	18/34 SW
300	4/9 SW	2/6 SW	6/15 SE	10/25 SE	2/8 SW	3/7 E	3/10 E	7/14 SE	6/17 W
Glen	4/10 W	4/10 W	4/10 E	8/23 SE	5/16 SW	2/7 W	4/7 E	3/8 SE	4/13 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	-3/-13	-4/-14	-4/-14	-3/-13	-1/-9	-0/-8	1/-6	2/-4	2/-6
900	-2/-10	-2/-11	-2/-11	-2/-10	0/-6	1/-6	2/-4	3/-2	3/-4
600	-1/-7	-1/-7	-1/-9	-1/-8	2/-2	2/-2	2/-3	3/-1	4/-0
300	-4/-6	-2/-4	1/-2	1/-3	2/-0	2/1	2/0	3/1	4/2
Glen	-1/-4	-1/-3	0/-2	2/-2	2/0	3/1	3/1	4/2	5/3
Freezing Level*	100m	200m	300m	500m	1000m	1200m	1500m	1900m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Met Office Aberdeen Meteorologist's View

Low cloud and snow will give whiteout conditions on the tops in the morning and later in afternoon with very difficult conditions for navigation. Gusts of 60 to 70mph on the high tops and ridges early in the morning.

Forecast for Wednesday 04 Jan 2023

Weather: Heavy rain will clear overnight. A cloudy morning with occasional showers, falling as snow above 800m, and accompanied by strong westerly winds. Showers and winds easing in the afternoon with some bright spells.

Maximum wind: West or Southwest 30 to 40mph with gusts 50mph, easing to 20mph gusts 30mph.

Chance of cloud-free hill tops above 800m: 30% in morning, becoming 80% in afternoon.

Low Cloud and visibility: Frequent cloud and fog above 700m in the morning, but higher bases across Aberdeenshire and Angus. Visibility becoming good in the afternoon with cloud lifting and breaking.

Temperature: **Glens:** Plus 8C falling to 2C after dark.
At 800m: Plus 3C falling to Minus 1C.
Freezing level: Above summits, falling to 800-1000m, then 500m in evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.